

FIG. 1

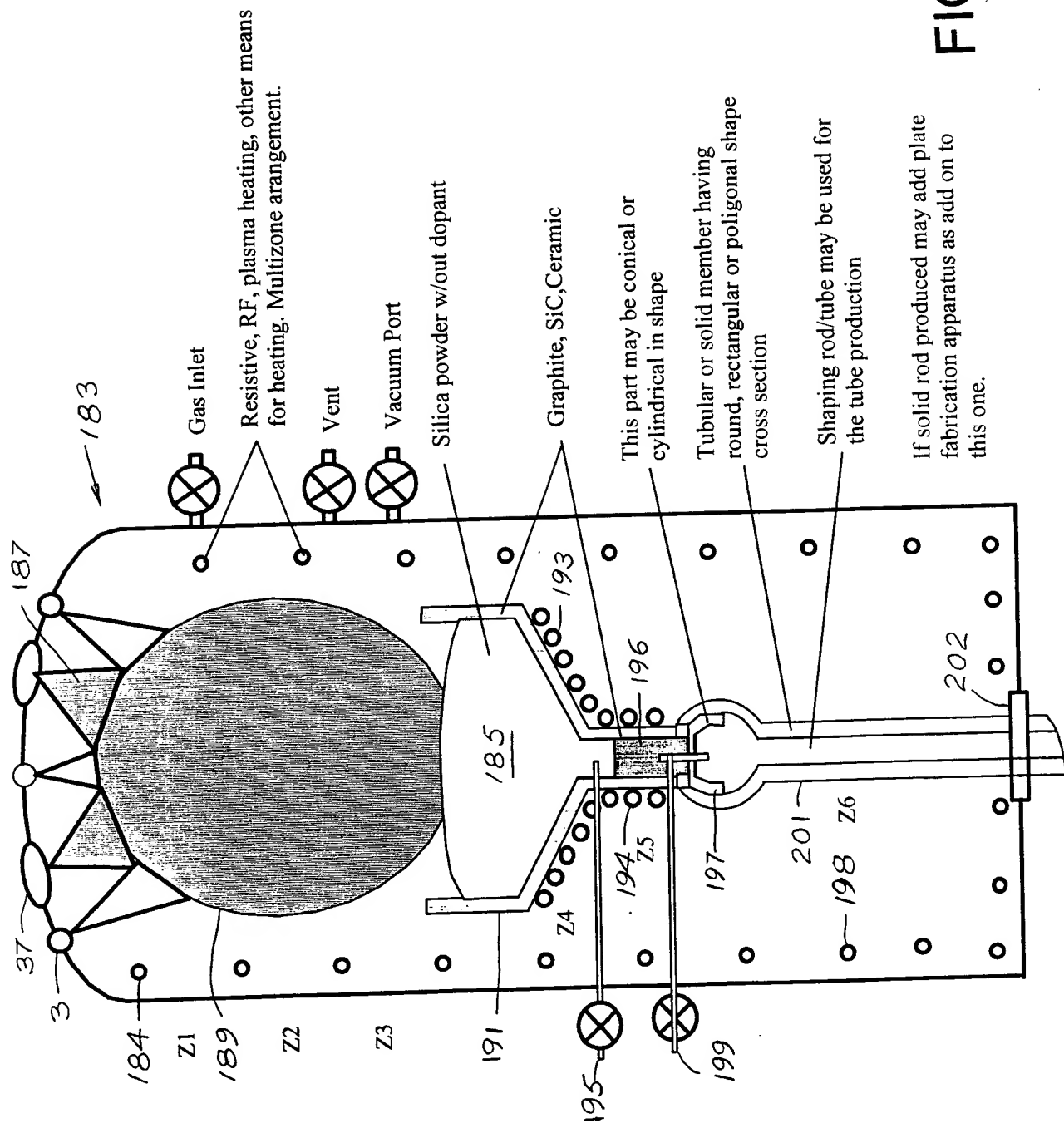


FIG. 2

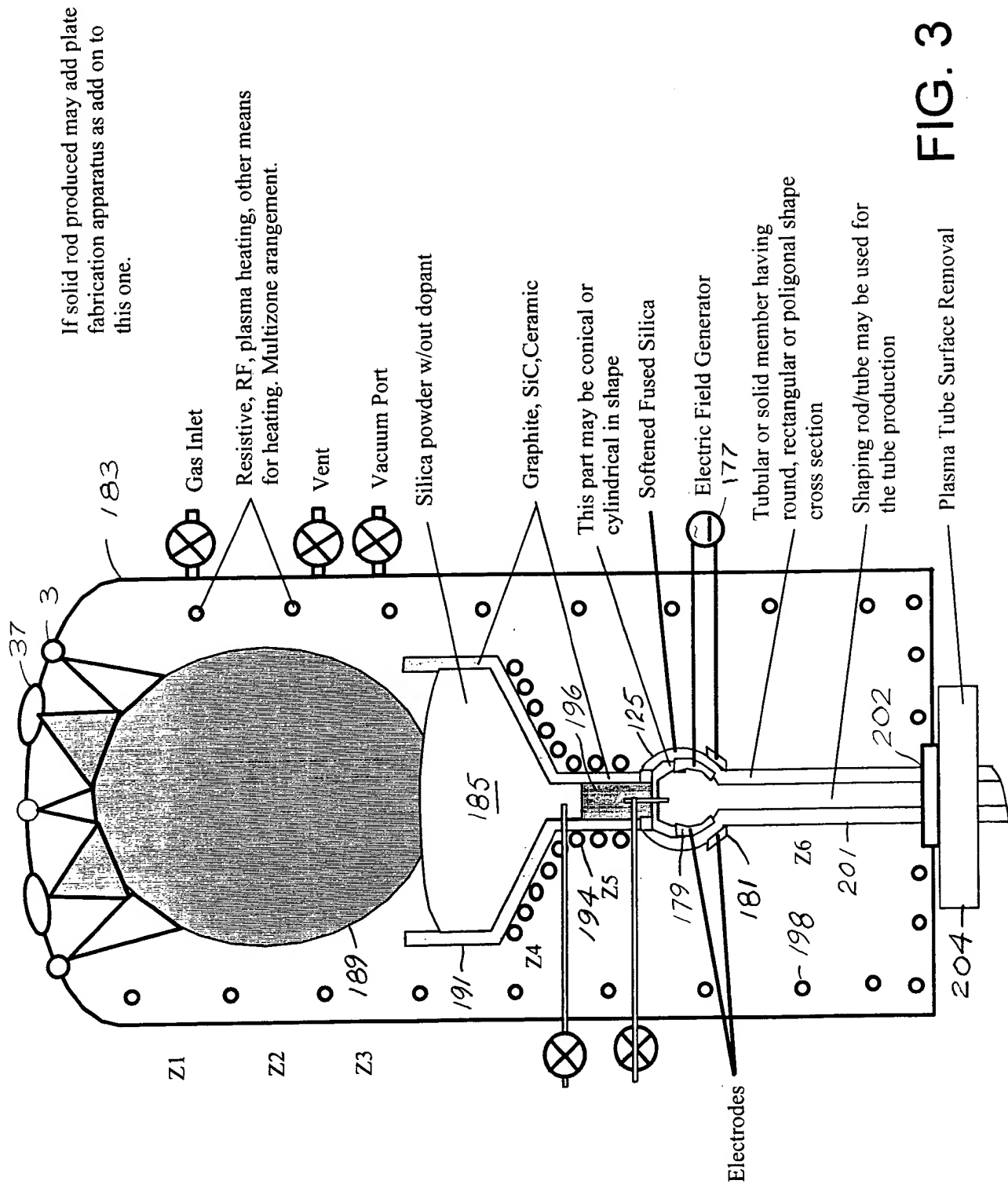
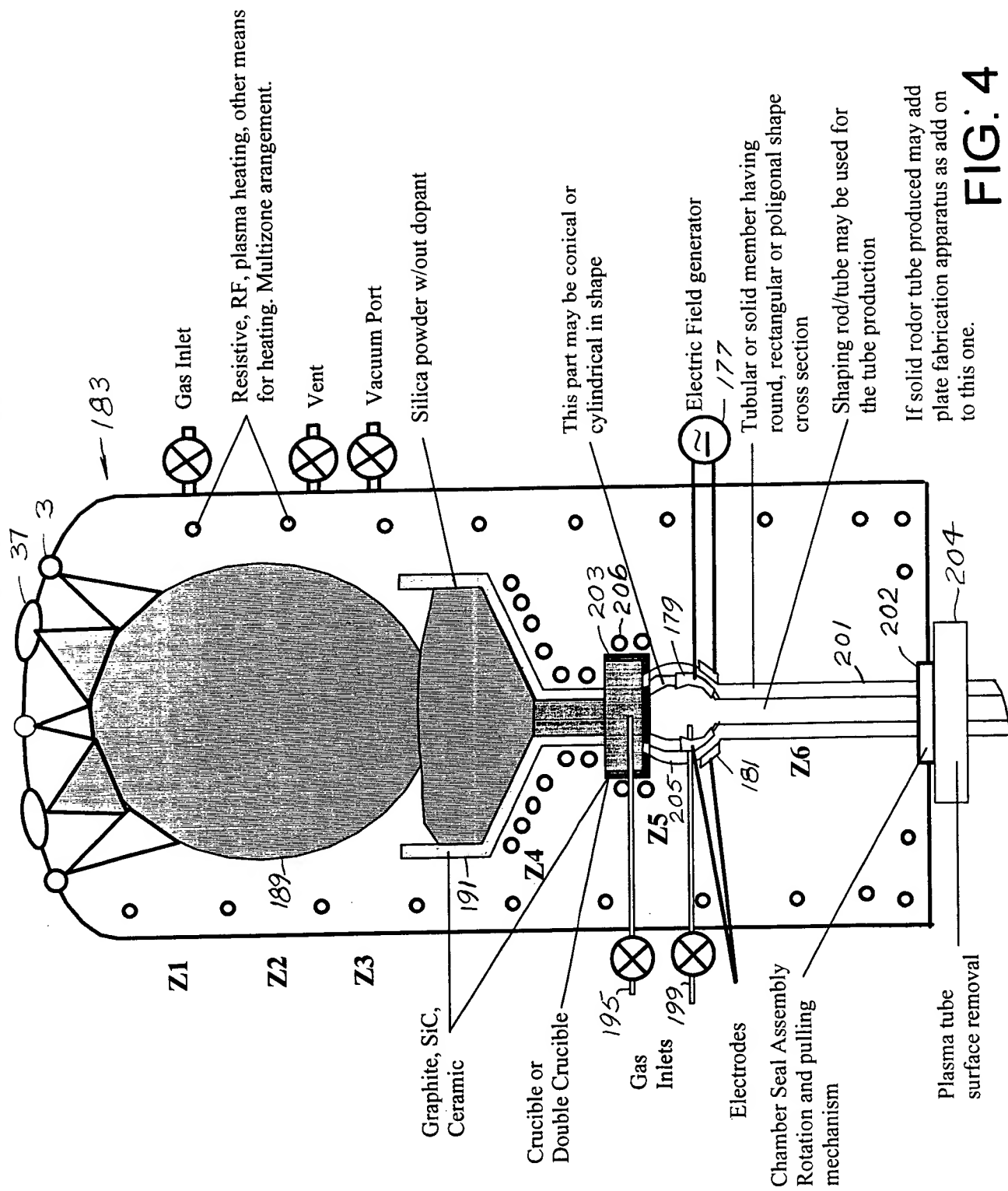
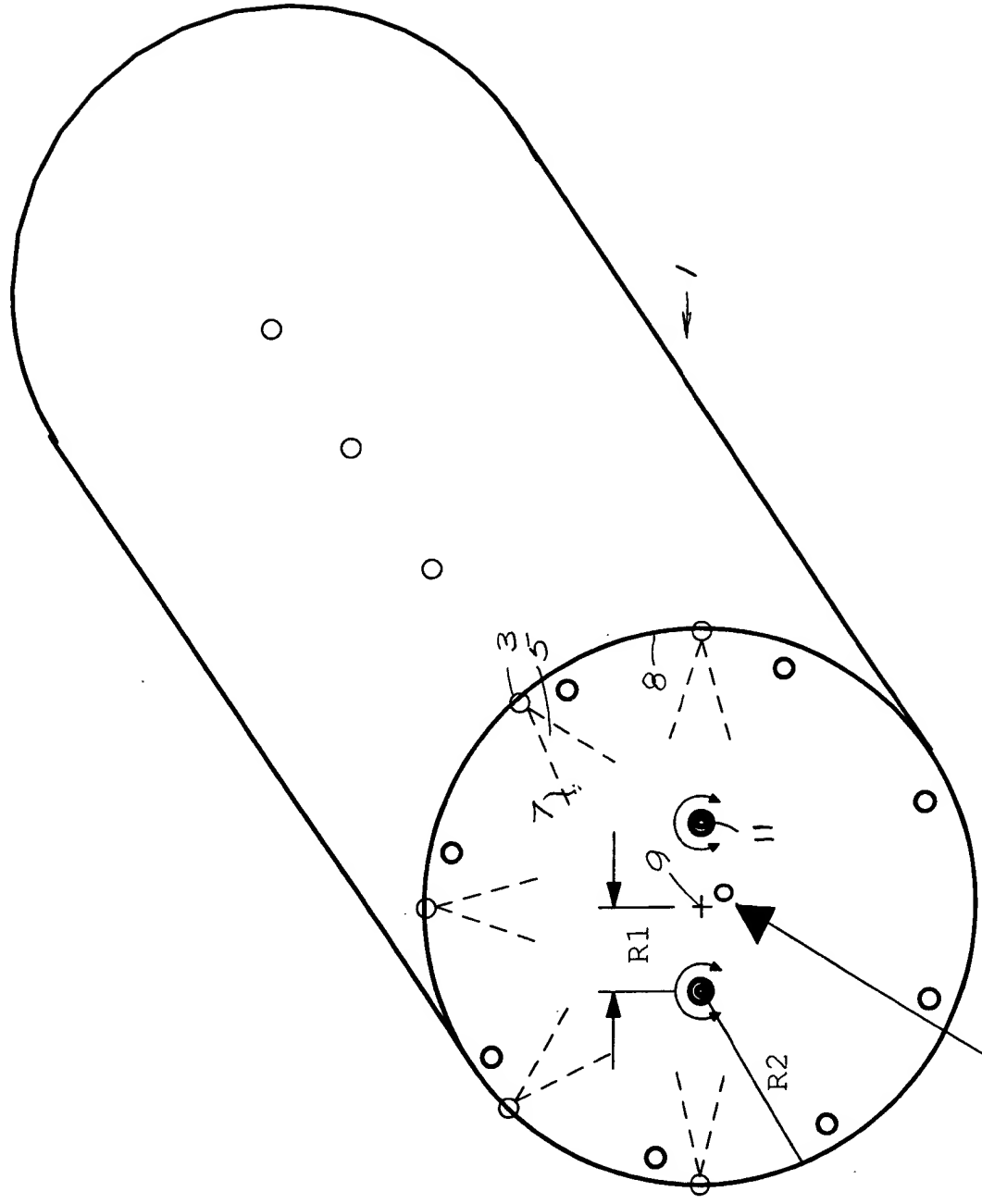


FIG. 3





He and other Gasses

FIG. 6

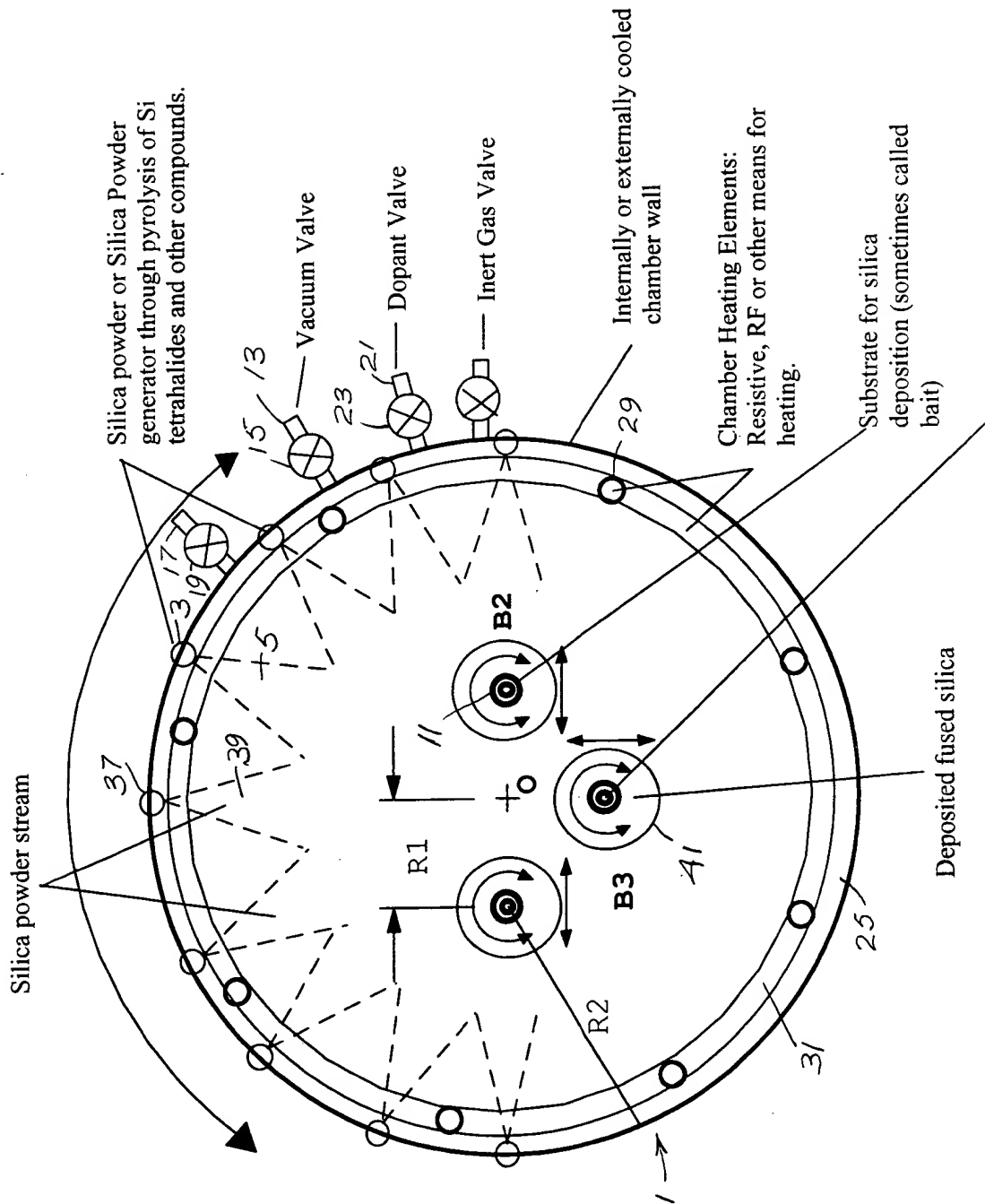


FIG. 8

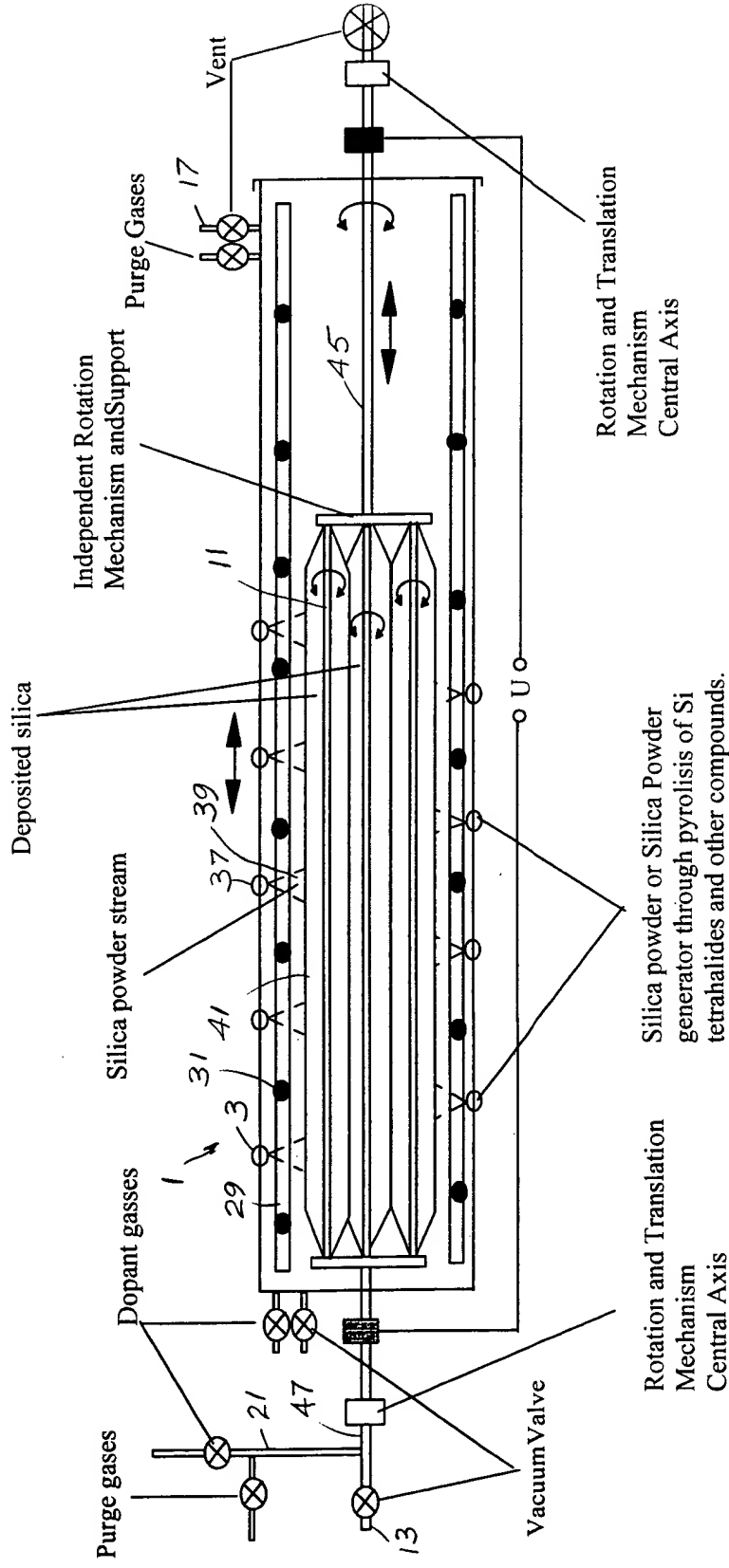


FIG. 9

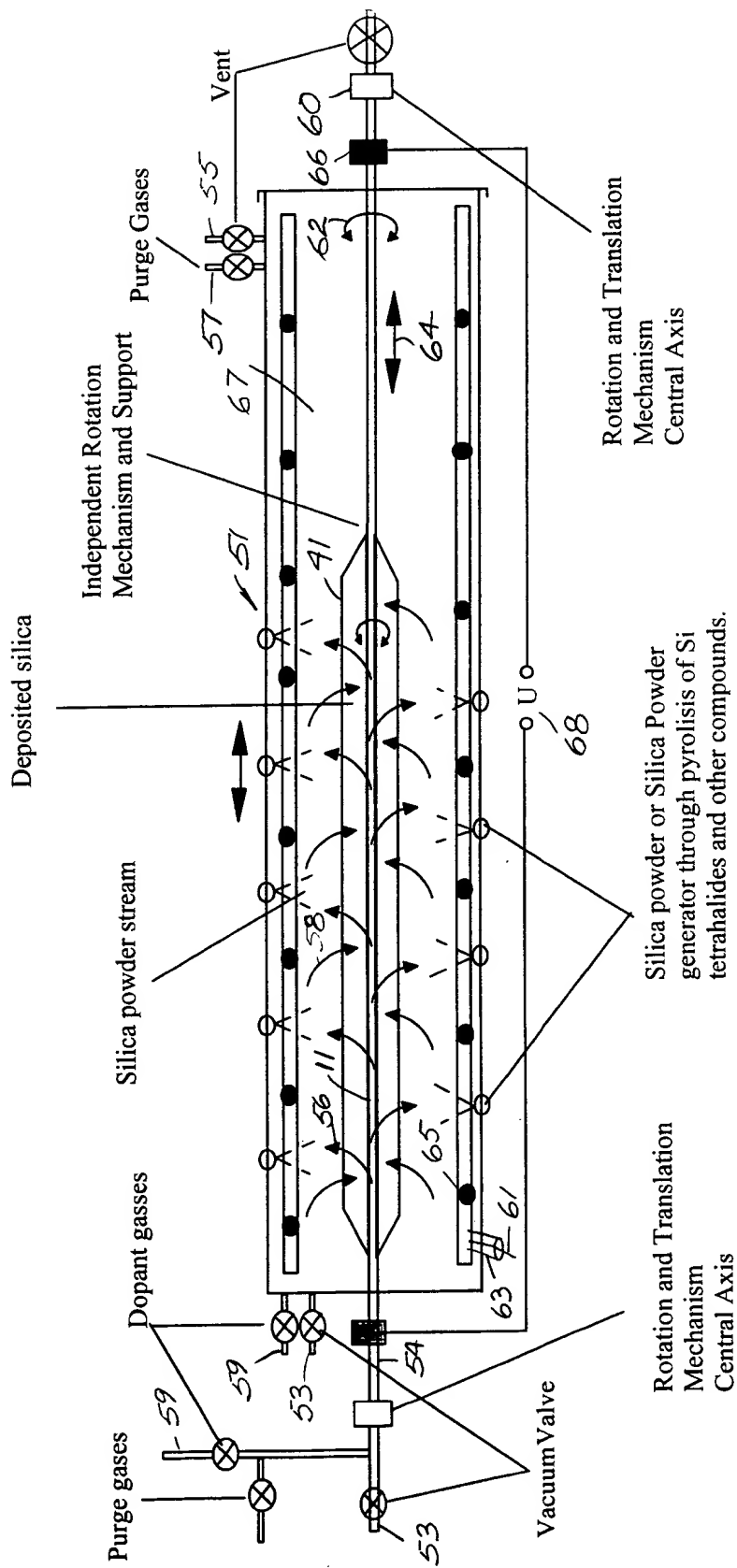


FIG. 10

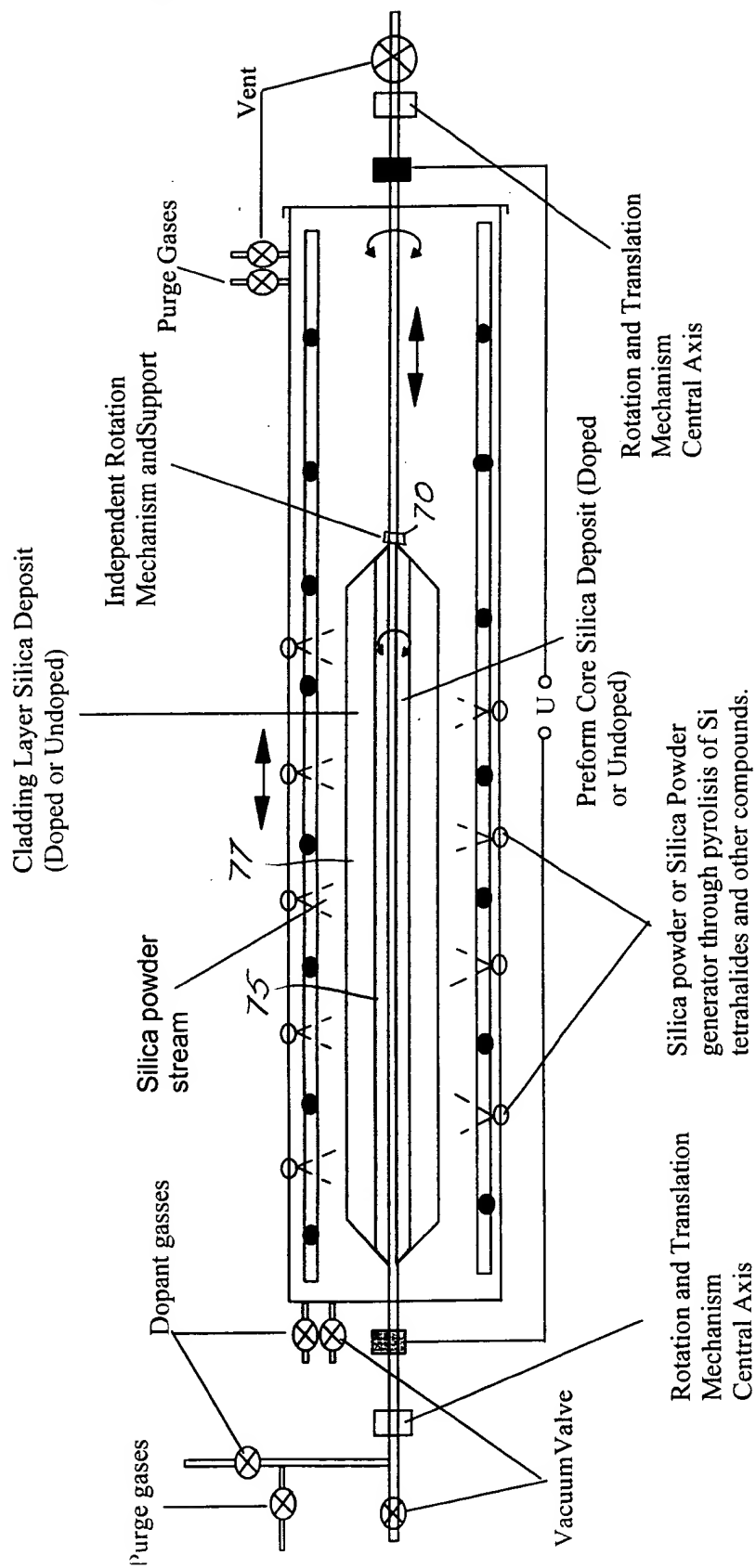


FIG. 11

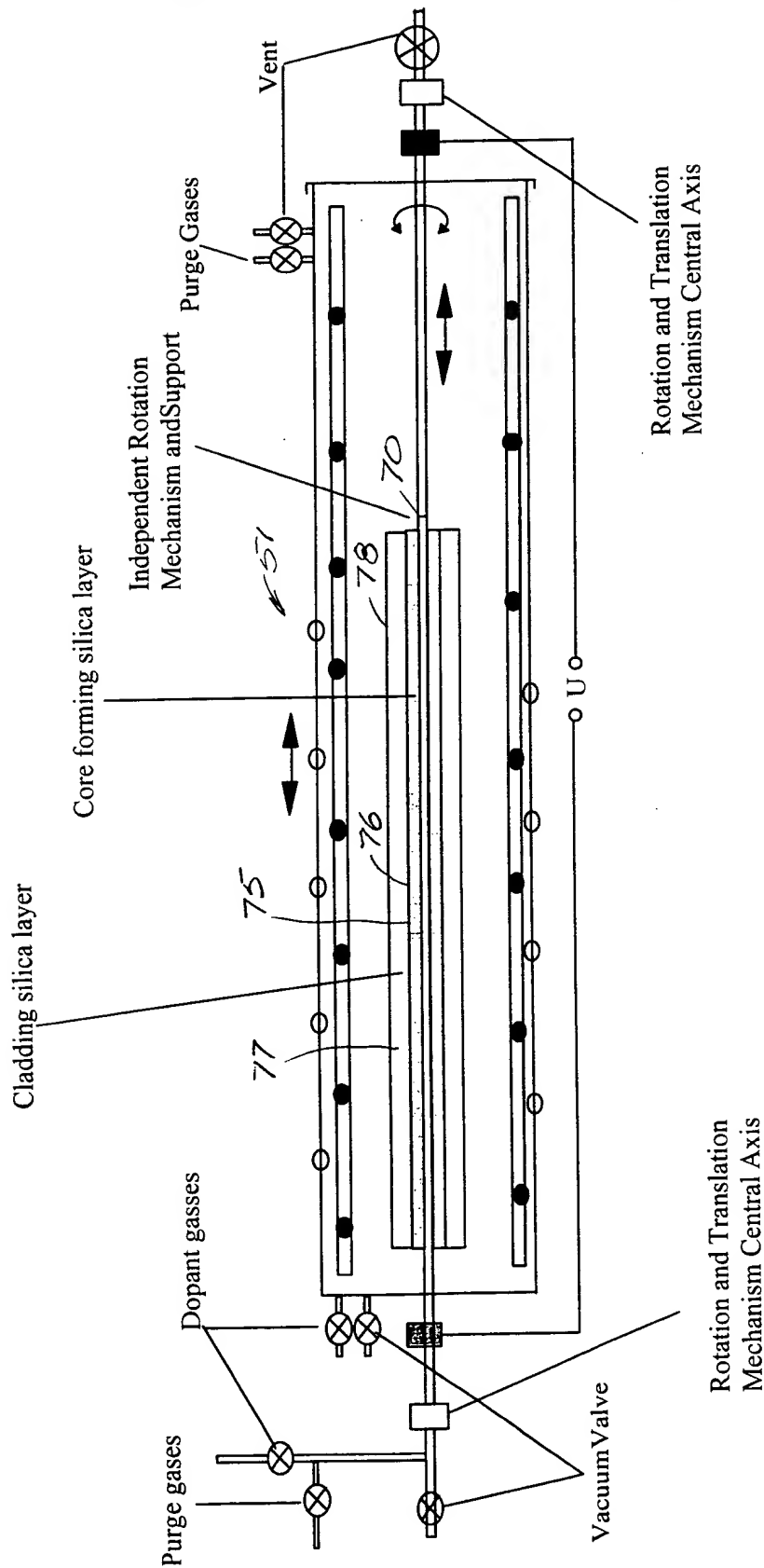
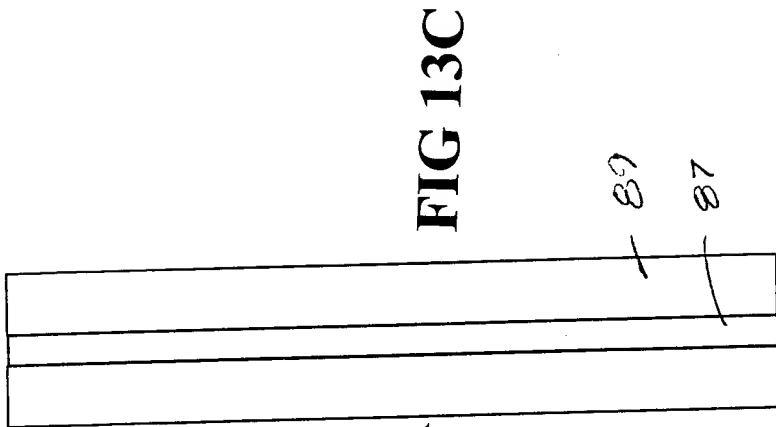


FIG. 12



TUBING TO SOLID MEMBER
FUSING PROCESS

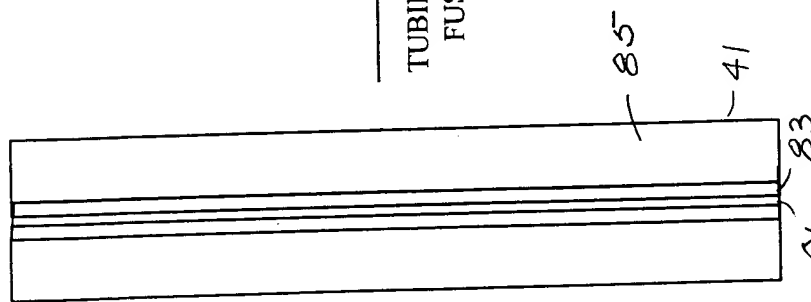


FIG 13A

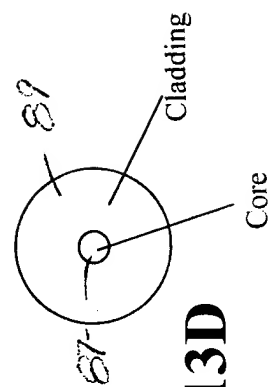


FIG 13D

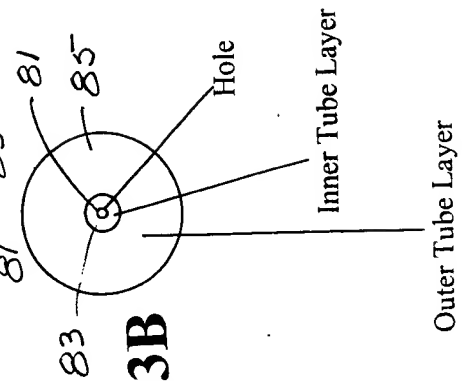
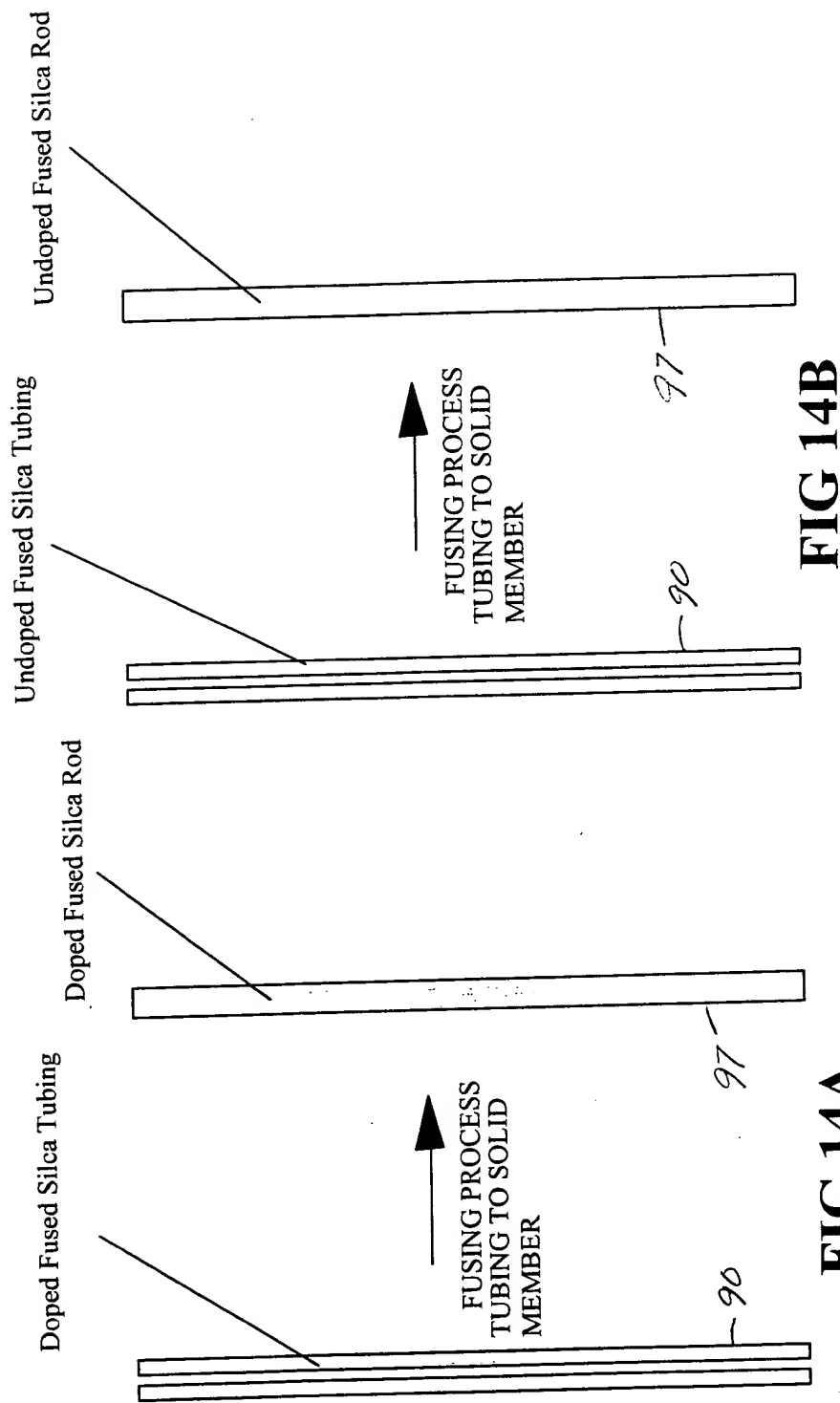


FIG 13B



a) Undoped Core Fabrication Process

b) Undoped Core Fabrication Process

Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication

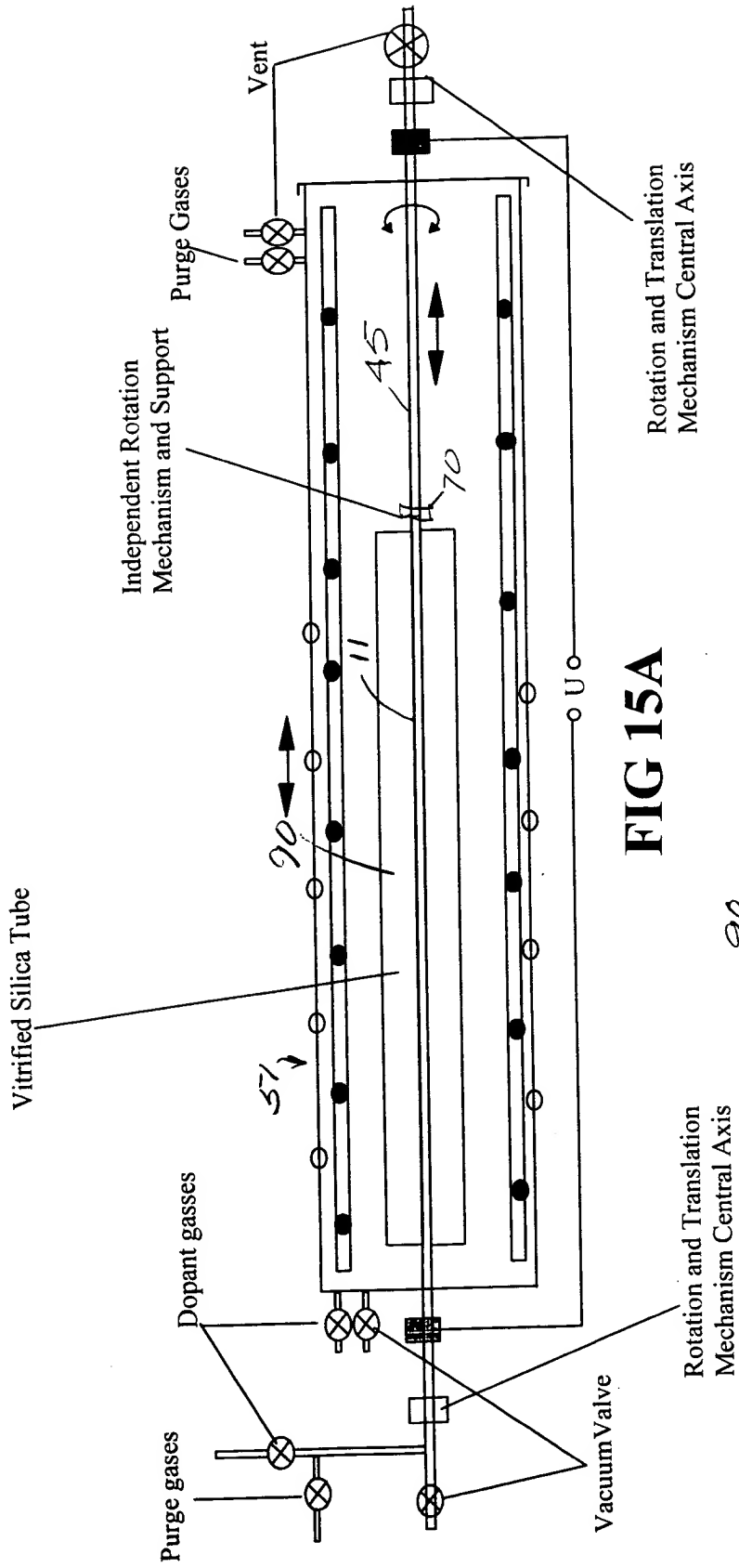


FIG 15A

90

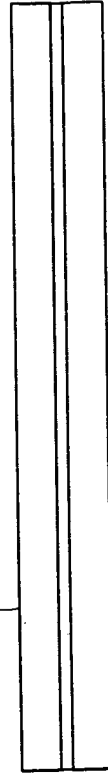


FIG 15B

Vitrification of a doped or undoped fused silica tube and tube member produced

2

